



**City of Milpitas
Building and Safety Department**

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**NONSTRUCTURAL COMPONENTS
REQUIRING SEISMIC
ANCHORAGE OR RESTRAINING**

Policy:

BDP-BLG10

Effective Date:

5/19/1994

Proposed by:

OC

Last Reviewed/
Revised:

3/24/2014

Reviewed/
Revised by:

BYC/LS

Approved By:

Keyvan Irannejad P.E.
Chief Building Official

A blue ink signature of Keyvan Irannejad, P.E., Chief Building Official.

**Nonstructural Components which need to be
Seismically Restrained or Anchored**

- 1) All equipment weighing more than 400. Section 13.1.4 ASCE 7-10.
- 2) All equipment having a center of mass located more than 4ft above the adjacent floor or roof level.
- 3) Permanent floor-supported cabinets, cases, counters, non-fixed and moveable fixtures, and book stacks more than 5'-9" in height MMC II-1-17.03
- 4) Ceiling hung mechanical & electrical components weighing more than 20 pounds or distribution system weighing more than 5 lb/ft. section 13.1.4 ASCE 7-10.
- 5) Partitions more than 5'-9" in height MMC II-1-17.03.
- 6) Storage racks over 5'-9" in height MMC II-1-17.03. Design calculations and details are required for both rack structure and its anchorage for storage racks over 8' tall.
- 7) Regardless of weight and height all process equipment containing hazardous materials including process piping and mechanical equipment associated with it, such as hoods, exhaust fans, etc. as per 2013 California Fire Code Section 2703.2.8, 2013 California Building Code Section 1613.1 and ASCE 7-10 Section 13.1.